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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)


Sheet 1 of 1

Complete if Known

Application Number	10/657,311
Filing Date	SEPT 8, 2003
First Named Inventor	David K. Haller
Art Unit	3748
Examiner Name	THERESA TRIEU
Attorney Docket Number	TEC1209/C-501

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
TT		US- 4,818,198	04-04-1989	Tamura et al.	
		US- 5,137,437	08-11-1992	Machida et al.	
		US- 5,211,031	05-18-1993	Murayama et al.	
		US- 5,522,715	06-04-1996	Watanabe et al.	
		US- 5,695,326	12-09-1997	Oka et al.	
		US- 5,716,202	02-10-1998	Koyama et al.	
		US- 5,810,572	09-22-1998	Yamamoto et al.	
TT		US- 5,947,709	09-07-1999	Koyama et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
TT		JP402061382A	03-01-1990	Takahiro Tamura		
TT		JP407259764A	10-09-1995	Kazuo Sakurai		

Examiner Signature		Date Considered	AUG 18, 2004
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PTO/SB/08a (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/657,311
Sheet 1 of 2		Filing Date	September 8, 2003
		First Named Inventor	David K. Haller
		Art Unit	3748 3748
		Examiner Name	THERESA TR/EU
		Attorney Docket Number	TEC1209-01/C-501

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
TT		US- 6,402,485	06-11-2002	Hong et al.	
		US- 6,186,753	02-13-2001	Hugenroth et al.	
		US- 6,162,035	12-19-2000	Hayano et al.	
		US- 6,156,106	12-05-2000	Kamata	
		US- 6,106,254	08-22-2000	Hirooka et al.	
		US- 6,000,917	12-14-1999	Smerud et al.	
		US- 5,931,649	08-03-1999	Caillat et al.	
		US- 5,772,416	06-30-1998	Caillat et al.	
		US- 5,772,411	06-30-1998	Crum et al.	
		US- 5,745,992	05-05-1998	Caillat et al.	
		US- 5,533,875	07-09-1996	Crum et al.	
		US- 5,055,010	10-08-1991	Logan	
		US- 5,427,511	06-27-1995	Caillat et al.	
		US- 5,219,281	06-15-1993	Caillat et al.	
		US- 5,114,322	05-19-1992	Caillat et al.	
		US- 5,110,268	05-05-1992	Sakurai et al.	
		US- 4,992,033	02-12-1991	Caillat et al.	
		US- 4,877,382	10-31-1989	Caillat et al.	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)					
TT		JP61087994		05-06-1986	Murayama Akira	_____	
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Examiner Signature		Date Considered	Aug 18, 2004
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